

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	139	"5250137" or "6249076" or "6475637"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/10/14 11:31
S2	142	"5250167" or "6249076" or "6475637"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/10/14 11:38
S3	0	S2 and (electrode adj4 in)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/10/14 11:53
S4	12	S2 and (electrode adj4 gel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/10/14 11:54
S5	97	S2 and electrode and gel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2008/10/14 11:55
S6	169	"5250137" or "6249076" or "6475639"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 16:55
S7	0	S6 and (releas\$4 near hydrogen \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 16:56

S8	:2	electrode and gel and polymer and actuator and motor and acid \$4 and bas\$2 and (releas\$4 near hydrogen\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 16:57
S9	:593	electrode and gel and polymer and actuator and motor and acid \$4 and bas\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 16:57
S10	:306	S9 and hydrogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 16:58
S11	:59	S10 and occlud\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 16:58
S12	:306	S10 and hydrogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:05
S13	:2	S10 and ((occlud\$4 or release\$4) near hydrogen\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:05
S14	:2	S10 and ((release\$4) near hydrogen\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:06
S15	:29	S10 and (change near ph)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:06
S16	:6	S9 and (dimethylaminomethyl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:19

S17	:51	S9 and (sodium near acrylate\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:20
S18	:1	electrode and gel and polymer and actuator and motor and acid and base and (releas\$4 near hydrogen\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:22
S19	:503	electrode and gel and polymer and actuator and motor and acid and base	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:23
S20	:215	electrode and gel and polymer and actuator and motor and acid and base and hydrogen and ph	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:23
S21	:0	S20 and (sodium near acrylate%3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:23
S22	:26	S20 and (sodium near acrylate\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:23
S23	:0	S20 and (dimethylaminomehtyl)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:27
S24	:0	S20 and (methylbisacrylamide\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:27
S25	:11	S20 and (ammonium near persulfate\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:28

S26	:20	S20 and (radical near polymerization\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 17:31
S27	:78	"5100933"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 22:02
S28	:6	S27 and tanaka.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 22:03
S29	:14	S27 and methylenebisacrylamide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 22:08
S30	:11	S27 and sodium acrylate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 22:10
S31	:26	S27 and persulfate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 22:11
S32	:169	"5250167" or "6249076" or "6475639"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/01/11 22:15

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	polymer\$2 same actuator\$2 same gel\$2 same (releas\$4 hydrogen\$2)	US-PGPUB; USPAT; UPAD	ADJ	OFF	2009/11/23 10:21
L2	593	polymer\$2 same actuator\$2 same gel\$2	US-PGPUB; USPAT; UPAD	ADJ	OFF	2009/11/23 10:24
L3	145	I2 and hydrogen\$2	US-PGPUB; USPAT; UPAD	ADJ	OFF	2009/11/23 10:24

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